Attachment: A clean copy of Abstract

Abstract

A halogen free flame retardant cable that has excellent flexibility and abrasion resistance, exhibiting fusion adhesion property to mold materials, such as PBT and nylon, and excellent flame retardant property, preferably having abrasion resistance. In particular, there is provided a halogen free flame retardant cable characterized in that it includes an insulating wire, an inner sheath and an outer sheath, the inner sheath comprised of a polyolefin resin or a resin composition composed mainly of the resin, the outer sheath comprised of a product of crosslinking of a mixture of thermoplastic polyurethane elastomer and thermoplastic polyester elastomer or a resin composition composed mainly of the mixture, the outer sheath containing at least one flame retardant selected from among metal hydroxides and nitrogenous flame retardants in an amount of 3 to 35 parts by weight per 100 parts by weight of the resin mixture. Further, there is preferably provided a halogen free flame retardant cable wherein the inner sheath contains a specified flame retardant in an amount of specified range.